

miniLAND
BABY

**thermoadvanced
plus**

ENGLISH



www.minilandbaby.com

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1. INTRODUCTION

Congratulations on the purchase of this infrared, non contact, clinical speaking thermometer. Before using this device, please read all the instructions in this manual carefully. Please keep in a safe place as it contains important information. The features described in this user's guide are subject to modifications without prior notice.

2. CONTENTS

- 1 Infrared non contact speaking thermometer.
 - 1 Storage and travel bag.
 - 2 AAA Batteries.
 - 1 Instruction manual and guarantee.
- If any of the above is missing, please contact your retailer.

3. SAFETY INSTRUCTIONS

FEVER! If the reading exceeds 38°C (100.4°F) and / or the patient feels uncomfortable, the user should get in contact with a doctor.

1. This device is not a toy; do not allow children to play with it.
2. Keep the thermometer out of the reach of children.
3. Read the instructions carefully before use and save them for future reference.
4. Use of this thermometer is not intended as a substitution for consultation with your physician. Reading results are for reference only. Contact a medical professional if you have or suspect any health concerns.
5. Make sure the batteries are inserted with the correct polarity.
6. Consumed batteries should be removed.
7. Don't throw battery into a fire, the battery is likely to explode.
8. Never attempt to open any part or dismantle the controls. Responsibility for failure cannot be accepted if these instructions have been ignored.
9. Don't take apart, repair or change any parts of the unit at any time.

10. Don't use the thermometer if the casing is damaged (for example, the infrared casing is broken). The use of a damaged unit may cause injury, erroneous results or serious danger.
11. Do not shake, tap or drop the thermometer.
12. The infrared sensor must be kept clean, dry and undamaged at all times to ensure accurate readings.
13. Do not operate the system in the vicinity of strong transmitter such as a microwave oven and shortwave appliances.
14. This product needs special precautions regarding EMC (Electromagnetic Compatibility) and needs to be installed and put into service according to the EMC information provided, and this unit can be affected by portable and mobile RF (Radio-Frequency) communications equipment.
15. To ensure eMyBaby app readings are accurate, keep the thermometer at least of 30 cm from other wireless devices.
16. Don't store the thermometer in extreme temperatures below -20°C/-4°F or over 55°C/131°F) or extreme humidity (below 10%RH or over 90%RH). This could cause inaccurate readings.
17. This device is intended for occasional reading and monitoring the temperature of the human body or objects, in a domestic environment. Do not use the product for other purposes.
18. This machine should not be used adjacent to or stacked with other electrical equipment and that if adjacent or stacked use is necessary, this machine should be observed to verify normal operation in the configuration in which it will be used.

IMPORTANT

- Changes and modifications carried out by anyone other than the MINILAND technical service will not be covered by the product guarantee.
- The warranty excludes misuse:
 - Unauthorized disassembly and modification of the product.
 - If the product is dropped during application or transportation.
 - An incorrect use of the product.

4. QUICK START GUIDE

4.1. FOREHEAD TEMPERATURE MEASUREMENT

1. If the display is in standby, press any button to wake it up.
 2. Hold the thermometer over the center of the forehead, at a distance approximately 3-5 cm midway between eyebrow and hairline.
 3. Press and hold the forehead button [, the spotlight will come ON.
 4. Hold the forehead button as long as you want the spotlight to stay on. Once the spotlight is over the area you wish to measure, release the forehead button, the thermometer will beep once and to start the reading and will beep twice more once the reading has been taken. The LCD will display the temperature. You will also hear the result via the speaker if the TALK function is enabled.
- **FEVER!** If the reading exceeds 38°C (100.4°F) and / or the patient feels uncomfortable, the user should get in contact with a doctor.
5. You can press the forehead button [] to start a new reading or press Set/Mem button [] to return to standby mode.

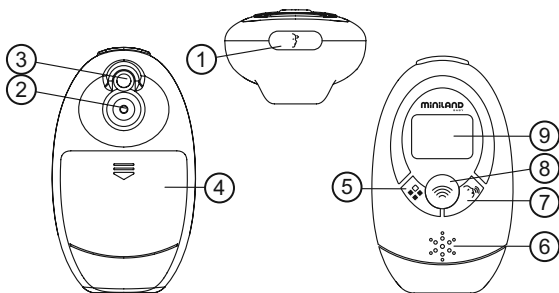
4.2. OBJECT TEMPERATURE READING (E.G. WARM MILK)

1. If the display is in standby, press any button to wake it up.
2. Hold the thermometer so that the probe's position is at a distance between 3-5 cm from the liquid and/or surface you want to take the temperature of.
3. Press and release the object button [] to take a reading. The thermometer will beep once and then twice again indicating the reading is finished. The LCD will display the temperature. You will also hear the result via the speaker if the TALK function is enabled (see section 12.2. LANGUAGE SUPPORT).
4. Press the object button [] to start a new reading or press Set/Mem button [] to return to standby mode.

5. PRODUCT FEATURES

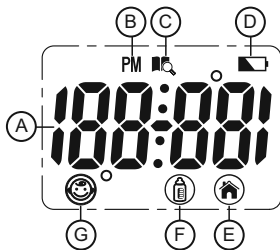
5.1. PARTS

1. Forehead temperature measurement button
2. Infrared sensor
3. Spotlight
4. Battery cover
5. Set/Memory button
6. Loudspeaker
7. Talk button
8. Object temperature measurement button
9. LCD



5.2. LCD DISPLAY

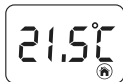
- A. Temperature display
- B. PM (time format)
- C. Memory icon
- D. Low battery icon
- E. Room temperature measurement icon
- F. Object temperature measurement icon
- G. Forehead temperature measurement icon



5.3. FEATURES

5.3.1. ROOM TEMPERATURE, DATE & TIME DISPLAY

The LCD display will alternate between showing the time, date and then the room temperature.



5.3.2. READING OF TEMPERATURE RANGES

	Range in Celsius	Range in Fahrenheit
Room	5.0°C to 59.9°C	41.0°F to 139.8°F
Object	20.0°C to 60.0°C	68.0°F to 140.0°F
Body	32.0°C to 42.9°C	89.6°F to 109.3°F

5.3.3. MEMORY

Maximum of 9 sets of temperature records can be stored in the device's memory.

5.3.4. AUDIO

Temperature, time and records can be heard using the TALK function (see section 12.2. LANGUAGE SUPPORT).

5.3.5. SPOTLIGHT

The spotlight is used to pinpoint the area where a temperature measurement is to be taken. The spotlight will stay on whilst the forehead button (1) is being pressed. The spotlight turns off after you release the button. The spotlight will automatically turn off if you press the forehead button (1) for more than 1 minute; after you release the button, the device reverts back to standby mode.

5.3.6 TEMPERATURE BACKLIGHT INDICATION

The display backlight will light up after a human body temperature reading has finished, as follows:

Blue backlight: below 32°C-37.9°C (89.6°F-100.3°F)

Red backlight: **FEVER!** 38.0°C-42.9°C (100.4°F-109.3°F)

6. NORMAL BODY TEMPERATURE RANGES

Normal body temperature is within a set range. A person's normal temperature range tends to decrease with age. The following table shows a list of normal temperature ranges against four age groups:

0-2 years	36.4°C-38.0°C	97.5°F-100.4°F
3-10 years	36.1°C-37.8°C	97.0°F-100.0°F
11-65 years	35.9°C-37.6°C	96.6°F-99.7°F
> 65 years	35.8°C-37.5°C	96.4°F-99.5°F

The range varies from person to person and can be influenced by many factors such as the time of day, the level of activity, medication, emotion and so on. So we recommend that you practice with the thermometer on yourself and family members when you are healthy. This way you know how the thermometer works and can feel more confident of the readings you take when a family member is ill.

For body temperature readings between 32°C and 37°C (100.3°F-89.6°F), the display will be backlit in blue and display the temperature.

FEVER: If the measured temperature is between 38°C and 42°C (100.4°F-109.3°F), the display will show the fever indicator (**FE**) and will be backlit in **RED**.

7. INSTRUCTIONS FOR USE

7.1. LANGUAGE SETUP

Whilst in standby mode, press the talk button to [] report the temperature, current time or room temperature.

After each forehead reading, the thermometer reports the temperature obtained in the language chosen.

Whilst in standby mode, press and hold the talk button [] for 2 seconds and release. Repeat to step through Spanish, English, German, French, Italian, Russian or mute function.

Remember that in waiting mode, the LCD alternatively displays time, date and room temperature.

7.2. PREPARATIONS

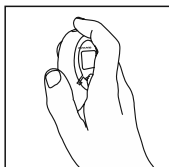
- To achieve an accurate reading, it is very important to check the infrared sensor is clean before using.
- Avoid using in a draught to assure an accurate reading.
- If there is a difference in temperature between the storage area and the place where the reading is to take place, leave the thermometer at room temperature for approximately 30 minutes, failure to do so may cause an inaccurate reading.
- Don't touch or blow the infrared sensor. A dirty infrared sensor may cause an inaccurate reading.

7.2.3. FOREHEAD TEMPERATURE MEASUREMENT

- Make sure that the patient's forehead is clean before taking a reading to assure that it is accurate. If it is necessary to wipe the patient's forehead, please wait for 5-10 minutes after wiping it, before taking their temperature.
- External factors may affect the patient's forehead temperature, particularly when an individual has been exposed to very hot or very cold temperatures or has recently been swimming or bathing. If necessary, wait 30 minutes before taking the patient's temperature.
- A forehead and temple temperature differs from an internal temperature, which is taken orally or rectally. Vasoconstriction, an effect which constricts the blood vessels and cools the skin, can occur during the early stages of a fever. In this case, the temperature taken may be unusually low. If the reading does not match the patient's perception of his own body temperature, repeat the reading every 15 minutes. As a reference point, you can also measure the internal body temperature using a conventional oral or rectal thermometer.

• The baby's skin reacts very quickly to the ambient temperature. Therefore, do not take a baby's temperature with the thermometer during or after breast-feeding, because their skin temperature may be lower than the internal body temperature.

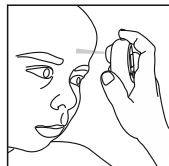
1. If the display is in standby, press any button to wake it up.
2. Place the thermometer in your hand with your finger resting on the forehead button [].



3. Hold the thermometer over the center of the forehead, at a distance approximately 3-5 cm midway between eyebrow and hairline.



4. Press and hold the forehead button [], the spotlight will come ON allowing you to locate the correct position for a forehead reading. Hold the forehead button as long as you want the spotlight to stay on. If the position is correct, release the forehead button to start the reading and then the thermometer beeps once.



5. Keep the thermometer steady until you hear two beeps and the temperature is given. The backlight will light up blue or red according to the temperature taken.
6. The reading is complete and the thermometer may be removed from the head.
7. Read the temperature on the display.



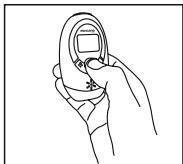
8. You can press the forehead button [] to start a new reading or press Set/Mem button [] to return to standby mode.

7.2.4. OBJECT TEMPERATURE READING

- Don't use this mode to take someone's body temperature.
- When reading the temperature of an object, the current surface temperature is displayed. It can be different from the internal temperature, especially if the surface is exposed to direct sunlight or a draught.

1. If the display is in standby, press any button to wake it up.

2. Place the thermometer in your hand with your thumb resting on the object button [📶].



3. Hold the thermometer so that the probe's position is at a distance between 3-5 cm from the liquid and/or surface you want to take the temperature of.



4. Press and release the object button [📶] to take a reading. The thermometer will beep once and then twice again indicating the reading is finished.

5. Remove the thermometer from the object. The LCD displays the temperature.



6. Press the object button [📶] to start a new reading or press Set/Mem button [⬮] to return to standby mode.

7.2.5. ROOM TEMPERATURE READING

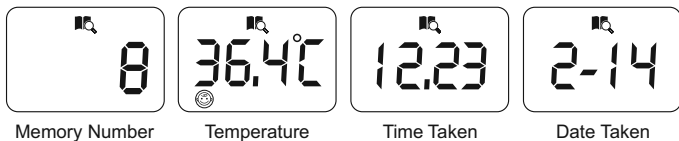
- The thermometer is constantly reading the room temperature.
- The room temperature can be viewed when in standby mode.
- Press the Set/Mem button [⬮] to return to standby mode.

7.3. MEMORY MODE

Each forehead temperature result will automatically be stored in the memory. Once the 9th temperature has been taken the first set of data will be removed and the new recording will take the top position.

1. Press Set/Mem button [] to check the memory number, temperature and date. "--" will be displayed if no data is stored.
2. Press the Set/Mem button [] again whilst in memory mode to step between stored data. Press and hold Set/Mem button [] to scroll quickly between stored data.
3. Press the talk button [] to hear the currently selected stored temperature data. Press any button to stop the sound during the announcement.
4. Maximum storage capacity is 9 sets of data showing memory number, temperature, time taken and date taken.
5. Press the object button [] and forehead button [] at the same time to revert back to standby mode.

Note: Device will not store temperatures taken via the object button [].



8. ADVANCED SETTINGS

8.1. FAHRENHEIT/CELSIUS SETUP

When not in standby mode i.e. after taking a temperature reading or when displaying memory temperature, press and hold talk button [TALK] about 3 seconds this will change the mode to either °F or °C.



Press the Set/Mem button [SET] to revert back to standby mode.

8.5 DATE AND TIME SETUP

1. Whilst in standby mode, press and hold Set/Mem button [SET] about 2 seconds to enter into setup mode. The current clock mode will flash indicating whether it is in 24hr or 12hr mode.



2. Press Set/Mem button [SET] again to swap between 24hr and 12hr mode and then press the talk button [TALK] to set the clock mode.

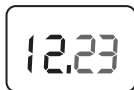
3. The hour digits will flash indicating you are in setup mode.

4. The device will automatically exit setup mode 30 seconds after the last button has been pressed.



5. Press the talk button [TALK] to select between setting the HOUR, MINUTE, YEAR, MONTH, DAY and SLEEP functions.

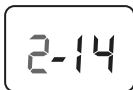
6. Press the object button [OBJECT] at any time to exit setup.



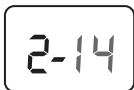
MINUTE



YEAR



MONTH



DAY

7. Press the Set/Mem button [SET] to modify the selected function. Pressing and holding the Set/Mem button [SET] will scroll through the digits more quickly.

8. Press the talk button [TALK] to confirm the settings and go to the next function.

When the sleep mode is activated, the thermometer will turn off automatically after approximately 3 min; when the sleep mode is deactivated, the thermometer remains permanently switched on until the battery runs out. To save power, we recommend to set sleep mode on.

8.5 SLEEP MODE SETUP

It is recommended that you use sleep mode as this will prolong the battery life. In sleep mode the display will automatically turn off after 3 minutes to save battery power if sleep mode is set to "ON".

1. Whilst in standby mode, press and hold Set/Mem button [] about 2 seconds to enter into setup mode. The current clock mode will flash indicating whether it is in 24hr or 12hr mode.



2. Press the talk button [] to step through the HOUR, MINUTE, YEAR, MONTH, DAY functions till you reach the SLEEP function (SLP).



3. Press the Set/Mem button [] to modify the function.



4. Press the talk button [] to confirm the settings and exit setup.

9. SMARTPHONE & TABLET CONNECTIVITY

9.1. BABY TEMPERATURE CONTROL

This Thermoadvance has a special communications module that lets you connect to your device (smartphone or tablet), automatically sending the results of each reading, to keep track of temperatures, generate graphs and send them by e-mail. The Thermoadvanced plus is currently compatible with a number of modern devices but we cannot guarantee compatibility with all devices.

9.2. USING THE eMyBaby App

1. Download and install the eMyBaby app.
2. Open app on device.
3. Log in to app.
4. Select thermometer icon in main menu.



smartphone or
tablet device

5. Select “New reading” in the app

6. Hold the thermometer 3-5cm away from your child’s forehead and take the temperature by pressing the forehead button [] on the Thermoadvanced.



7. The app should automatically display the temperature taken. If you are in a noisy environment you may need to hold the Thermoadvanced close to the device and press the talk button [] after having taken the temperature.



8. Click on “Register the temperature” to store the data on your app.

9.3. TIPS FOR USING THE eMyBaby App

1. Make sure that your smartphone or tablet is running on the latest operating system. For information about software updates, see the instructions for your device.

2. Make sure that your eMyBaby app is updated at regular intervals. For information about app updates, see the instructions for your device.

3. For the communications module to function correctly, the mobile device has to be sufficiently charged. Users should have a power supply unit or a charging device to hand.

4. Make sure that there is always enough memory available to back up the reading data on your smartphone or tablet.

5. If you receive a call or a text message during a reading, the reading could be cancelled or it can provide an inaccurate information. We recommend switching your device to flight mode.

6. If you are in a noisy environment hold the Thermoadvance speaker as close as you can to your smartphone device. Under normal quiet use the Thermoadvance and smartphone device can be 30cm (12”) apart.

7. There is always the possibility that future updates to the eMyBaby app may render this guide outdated.

10. PRODUCT CARE

10.1. CARE AND MAINTENANCE

- Prevent the product getting wet, if it does get wet please dry thoroughly. Please note that corrosive liquids may cause damage.
 - Please use and preserve at a normal temperature, the product life will be shortened if temperatures are excessively high or low.
 - To ensure accurate measurements, keep the probe tip clean and free of scratches. Finger prints or dirt will affect the accuracy of the thermometer.
 - In order to get an accurate reading, please clean the probe tip.
 - To clean the sensor, gently wipe its surface with a cotton swab slightly moistened with alcohol and immediately wipe dry with a clean cotton swab.
 - Use a soft dry cloth to clean the body of the thermometer. Never clean the thermometer with abrasive cleanser, thinner, benzene or submerge the thermometer into water or other liquids.
- After cleaning, allow at least 20 minutes drying time before taking temperatures. Place the thermometer in the protective case or table stand holder. Store it in a dry, clean place at room temperature

10.2. CALIBRATION

The thermometer is initially calibrated at the time of manufacture. If the thermometer is used according to the instructions, periodic recalibration is not required. If any time you question the accuracy of the reading, please contact the retailer immediately.
Don't attempt to modify or reassemble the thermometer.

10.3. BATTERY & PRODUCT DISPOSAL INFORMATION

If your thermometer will not be used on a regular basis, remove the battery to prevent possible damage due to chemical leakage. If battery does leak, remove carefully. Do not allow bare skin to come in contact with the leaking fluid. Used batteries should be removed.
Remember to dispose of the product responsibly.
Don't throw battery into a fire, the battery is likely to explode.
Do not mix products bearing the crossed out bin symbol with your general household waste.
For the correct collection and treatment of these products take them to the collection points designated by your local authority. Alternatively contact the retailer who sold you the product.

10.4. INSTALLATION/REMOVAL OF BATTERIES

When the low battery indicator [] appears on the LCD, or the thermometer does not function at all, you should replace the old batteries with new ones as soon as possible. This product uses two AAA 1.5V batteries, use the following procedure to replace or insert batteries:

1. Open the battery cover following the direction of the arrow.
2. Remove the old batteries and then insert the new batteries into the battery compartment. Make sure you install the new batteries properly; be sure to match the positive and negative ends of the battery to the marking in the batteries compartment of the thermometer.
3. Replace the battery compartment cover and press to close.

11. TROUBLESHOOTING

PROBLEMS	CHECKLIST	SOLUTIONS
No response/ Automatic reset when pull out insulator.	Battery used up.	Change new battery.
	Battery in wrong polarity.	Remove battery, turn it over and re-insert.
	Poor battery contact.	Remove battery, clean contacts and re-insert.
Battery symbol  on LCD.	Low battery.	Replace with new battery.
"Lo" on screen.	The measured temperature is lower than 32.0°C/89.6°F. Please check the operation method.	Follow the steps in the user manual for proper reading.
"Hi" on screen.	The measured temperature is higher than 42.9°C/109.3°F. Please check the operation method.	Follow the steps in the user manual for proper reading.
"ErrP" or "ErrH" on screen.	Hardware problem.	Contact the manufacturer or distributor.
"ErrE" on screen.	Environment temperature beyond the scope of: 10°C~40°C (50.0°F~104.0°F) for Objects. 15°C~40°C (59.0°F~104.0°F) for Forehead.	Condition the thermometer until it reaches environment temperature: 10°C~40°C (50.0°F~104.0°F) for Objects. 15°C~40°C (59.0°F~104.0°F) for Forehead.
The reading is not accurate or if there is any doubt with the result.	Please check if the infrared sensor is clean or not.	Clean the infrared sensor with cotton swab according to user manual.
	Please check if the reading mode is correct or not.	Ensure you have read the manual and know how to use the thermometer properly.
	Please check if you have let the thermometer and patient stabilize in the room for at least 30 minutes.	Please keep the thermometer and patient in the room where the temperature is to be taken at least 30 minutes before using.
	Are you using the thermometer indoor.	Please take the reading indoor.
Other malfunctions	Contact the MINILAND technical service.	

12. SPECIFICATIONS & SYMBOLS

12.1 TECHNICAL SPECIFICATION

Power supply	DC 3V (2 x 1.5 AAA batteries)	
Body reading range	32.0°C-42.9°C	89.6°F-109.3°F
Forehead reading accuracy	In range of 35.5°C-42.0°C/95.9°F-107.6°F	± 0.2 °C ± 0.4 °F
	For other range	± 0.3 °C ± 0.5 °F
Object measure range	20.0 °C-60.0 °C	68.0 °F-140.0 °F
Object measure accuracy	± 1.0 °C	± 2.0 °F
Room temperature range	5.0 °C-59.9 °C	41.0 °F-139.8 °F
Room temperature accuracy	± 1.0 °C	± 2.0 °F
Dimension	89 (L) x 53 (A) x 35 (F) mm	
Weight	56 g (without battery)	
Forehead operation condition	With relative humidity of 20%-85%	
	15.0 °C-40.0 °C	59.0 °F-104.0 °F
Object operation condition	With relative humidity 20%-85%	
	10.0 °C-40.0 °C	50.0 °F-104.0 °F
Storage environment	With relative humidity 20%-90%	
	-20.0 °C-55 °C	-4.0 °F-131.0 °F

12.2 LANGUAGE SUPPORT

Function \ Audio	English	Spanish	German	French	Italian	Russian
Temperature (°C)	✓	✓	✓	✓	✓	✓
Temperature (°F)	✓	✗	✗	✗	✗	✗
Time	✓	✓	✓	✗	✓	✗
Environmental Temperature(°C)	✓	✓	✓	✗	✓	✗
Environmental Temperature(°F)	✓	✗	✗	✗	✗	✗

12.3. NORMALIZED SYMBOLS

The following is a list of symbols that can be found on the product, packaging and instructions.



- Attention: Read the operating Instructions for use!



- Type BF Applied Part.



- Disposal in accordance with Directive 2002/96/EC (WEEE)



- Complies with the European Medical Device Directive (93/42/EEC) and amended by directive 2007/47/EC requirements. Notified body TÜV Rheinland (CE0197)



- The name and the address of the manufacturer.



- Name and adress of the Authorized Representative in the European Community.

For technical support in the United Kingdom contact
the Kooltrade helpline on 0161 335 2508

miniland
BABY

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Made in China. Keep this information.

Fabricado en China. Conservar los datos.

Fabricado em China. Conservar dados.

Fabbricato in China. Conservare i dati.

Fabriqu  en China. Conserver ces informations.

Hergestellt in China. Bewahren Sie diese Angaben auf

Wyprodukowano w Chinach. Zachowaj instrukcj .

Vyrobeno v C in . Tyto informace si pros m uchovejte.

Сделано в Китае. Сохраните эту информацию.

This product is designated for separate collection at
an appropriate collection point. Do not dispose of as
household waste. Protect the environment.

Recogida selectiva. Cuida el medio ambiente.

Tri s electif. Prend soin de l'environnement

Bitte gesondert entsorgen. Sch utzen Sie die Umwelt.

Raccolta differenziata. Rispetta l'ambiente.

Recolha selectiva. Conserve o Meio Ambiente.

Chro n  s rodowisko! Segreguj śmieci!

T rid n y odpad. Ch r n me ţivotn  prost ed  .

Раздельный сбор мусора. Берегите окружающую среду.



89083 thermoadvanced plus



Shenzhen Dongdixin Technology Co., Ltd

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Nanshan Shenzhen China



Shanghai International Holding Corp. GmbH (Europe)
Eiffestra e 80, 20537 Hamburg Germany

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2050189083